

L9 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1974:522705 CAPLUS

DOCUMENT NUMBER: 81:122705

TITLE: Oil- and water-repelling substance

INVENTOR(S): Kirimoto, Kazusuke; Hayashi, Takao

PATENT ASSIGNEE(S): Asahi Glass Co., Ltd.

SOURCE: Ger. Offen., 24 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

DE 2247111	A1	19740418	DE 1972-2247111	19720926
------------	----	----------	-----------------	----------

DE 2247111	B2	19760102		
------------	----	----------	--	--

PRIORITY APPLN. INFO.: DE 1972-2247111 19720926

AB Agents that imparted good oil- and water-resistance to cotton, polyester, and wool textiles with retention of the textile softness were copolymers (9 used) contg. 1.5-35% haloalkyl vinyl ether and .geq.25% fluoroalkyl (meth) ***acrylate***. Thus, cotton fabric treated with 75:20:50 copolymer of CH₂:CHCO₂(CH₂)₃CnF_{2n+1} (I, n = 7,9,11, and 13 in a 4:3:2:1 ratio), vinyl chloride (II) [75-01-4], and 2-chloroethyl vinyl ether [110-75-8] exhibited similar oil, water, and soil-resistance but higher softness values and better hand than cotton fabric treated with a 75:25 I-II copolymer.

EV979440213